

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 31-R-0011
CUSTOMER NUMBER: 210

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Childrens Hospital Medical Center
Childrens Hosp Research Found
3333 Burnet Avenue
Cincinnati, OH 45229

Telephone: (513) -636-4441

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	232		227	7	234
7. Hamsters					
8. Rabbits	31	15	136		151
9. Non-human Primates	4		4		4
10. Sheep			77		77
11. Pigs			36		36
12. Other Farm Animals					
13. Other Animals					
Ferrets			2		2

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (TYPE OR PRINT)

(b)(6), (b)(7)(c)

DATE SIGNED

11/20/02

Column E Explanation Form

1. Registration Number: 31-R-0011
2. Number 7 of animals used in this study.
3. Species (common name) guinea pig of animals used in this study.
(each specie requires a form)
4. Explain the procedure producing pain and/or distress.

Animals were inoculated with herpes simplex virus (HSV)

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing see question 6 below)

These animals were used to study the ~~efficacy~~ efficacy of a novel anti-herpetic that showed promising results in vitro (tissue culture). HSV is a neurotropic virus, residing in neurons. Therefore, the potential impact of analgesics/anesthetics on neuronal and normal viral pathogenesis precludes their use. The infection can induce hind limb paralysis. Animals experiencing paralysis have their bladders expressed at least 3x/day and are sacrificed if paralysis does not resolve within 24 hours. Euthanasia is by CO₂ narcosis. The protocol is used to evaluate novel therapeutics and vaccine strategies that appear promising in in vitro systems.

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency _____ CFR _____

(b)(6), (b)(7)(c)

Signature